

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002450

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B10/155

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H04L G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/049333 A (GRIFFIN ROBERT ; BOOKHAM TECHNOLOGY PLC (GB)) 12 June 2003 (2003-06-12) abstract page 3, lines 28-31 page 4, line 21 - page 5, line 15 page 6, lines 8-12 page 7, lines 6-12; figure 1	1-15
X	US 5 249 243 A (SKEIE HALVOR) 28 September 1993 (1993-09-28) abstract column 4, lines 8-28 column 8, line 30 - column 10, line 9 figures 1,3	1,9,10, 14,15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

26/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/005975 A1 (NAKAMOTO HIROSHI) 17 January 2002 (2002-01-17) abstract paragraphs '0001!, '0100! - '0108! figure 11	1,9,10, 14,15
A	EP 0 752 607 A (NEDERLAND PTT) 8 January 1997 (1997-01-08) abstract column 4, lines 5-48 figures 1-3	1-15

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Information on patent family members

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